

# Specification

**Formula Hill:** (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>  
**Molar Mass:**  
**CAS N°:** 25322-68-3

Print Date: 09 October 2023

110391 Polyethyleneglycol 400, NF, Ph. Eur.

## Specifications

Identity	conforms
Appearance	
- Clear viscous colourless	conforms
- Hygroscopic liquid	conforms
Appearance of solution	conforms
Acidity/Alkalinity	conforms
Average molecular mass	380 - 420
Dynamic viscosity (20°C)	105 - 130 mPa·s
Hydroxyl value	264 - 300
Kinematic viscosity (20°C)	94 - 116 cSt
pH 5%	4,5 - 7,0
Viscosity 98,9 ± 0,3°C	6,8 - 8,0 cSt
Ethylene glycol and diethylene glycol	≤ 0,25 %
Ethylene oxide	≤ 1 ppm
Formaldehyde	≤ 0,0015 %
Dioxane	≤ 0,0010 %
Reducing substances	conforms
Sulfated ash	≤ 0,1 %
Water by KF	≤ 1,0 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: NF, Ph. Eur. specification